

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density,  $p_T^{\text{lead}} > \{10 \text{ GeV}\}$  $\langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$ 

- ATLAS
- ⋈ Epos 1.99.crmc.1.2 default
- ⋈ Epos 1.99.crmc.1.2 lhc
- ▲ Pythia 8.315 default

5

4

3

2

1

0

(ATLAS\_2017\_I1509919)

Rivet 4.1.0,  $\geq 500\text{k}$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $|\Delta\phi|$  [degrees]